

RULE 63 (37 C.F.R. 1.63)
DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **WAVE ANTENNA WIRELESS COMMUNICATION DEVICE AND METHOD**, the specification of which (check applicable box(es)):

- ☐ is attached hereto.
☒ was filed on 8/26/2002 as U.S. Application Serial No. 10/228,180
☐ was filed as PCT international application No. PCT/ 1 on 10/228,180 and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a). I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Prior Foreign Application(s): Application Number	Country	Day/Month/Year Filed
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I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application listed below:

Prior Provisional Application(s): Application Serial No.	Day/Month/Year Filed
---	----------------------

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56(a) which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s): Application Serial No.	Date/Month/Year Filed	Status: patented, pending, abandoned
--	-----------------------	---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

- | | | | | | | | | | | | |
|-------------------------|---|------------------------|-------------------------|----------------|------------|-------|----------------|-------------|-------------|--|--|
| 1) Inventor's Signature | <u>[Signature]</u> | Date | <u>27th August 2002</u> | | | | | | | | |
| Inventor's Name (typed) | <table border="0" style="width: 100%;"><tr><td style="width: 25%;"><u>Ian</u></td><td style="width: 25%;"><u>James</u></td><td style="width: 25%;"><u>Forster</u></td><td style="width: 25%;"><u>UK</u></td></tr><tr><td style="text-align: center;">First</td><td style="text-align: center;">Middle Initial</td><td style="text-align: center;">Family Name</td><td style="text-align: center;">Citizenship</td></tr></table> | <u>Ian</u> | <u>James</u> | <u>Forster</u> | <u>UK</u> | First | Middle Initial | Family Name | Citizenship | | |
| <u>Ian</u> | <u>James</u> | <u>Forster</u> | <u>UK</u> | | | | | | | | |
| First | Middle Initial | Family Name | Citizenship | | | | | | | | |
| Residence (City) | <u>Essex</u> | State/Foreign Country) | <u>ENGLAND</u> | | | | | | | | |
| Post Office Address | <u>31 Great Cob, Springfield, Chelmsford</u> | Zip Code | <u>CM1 6LA</u> | | | | | | | | |
| 2) Inventor's Signature | | Date | | | | | | | | | |
| Inventor's Name (typed) | <table border="0" style="width: 100%;"><tr><td style="width: 25%;"><u>Peter</u></td><td style="width: 25%;"><u>Robert George</u></td><td style="width: 25%;"><u>Horrell</u></td><td style="width: 25%;"><u>UK</u></td></tr><tr><td style="text-align: center;">First</td><td style="text-align: center;">Middle Initial</td><td style="text-align: center;">Family Name</td><td style="text-align: center;">Citizenship</td></tr></table> | <u>Peter</u> | <u>Robert George</u> | <u>Horrell</u> | <u>UK</u> | First | Middle Initial | Family Name | Citizenship | | |
| <u>Peter</u> | <u>Robert George</u> | <u>Horrell</u> | <u>UK</u> | | | | | | | | |
| First | Middle Initial | Family Name | Citizenship | | | | | | | | |
| Residence (City) | <u>Essex</u> | State/Foreign Country) | <u>ENGLAND</u> | | | | | | | | |
| Post Office Address | <u>22 Rothesay Avenue, Chelmsford</u> | Zip Code | <u>CM2 9BU</u> | | | | | | | | |
| 3) Inventor's Signature | | Date | | | | | | | | | |
| Inventor's Name (typed) | <table border="0" style="width: 100%;"><tr><td style="width: 25%;"><u>Patrick</u></td><td style="width: 25%;"><u>F.</u></td><td style="width: 25%;"><u>King</u></td><td style="width: 25%;"><u>USA</u></td></tr><tr><td style="text-align: center;">First</td><td style="text-align: center;">Middle Initial</td><td style="text-align: center;">Family Name</td><td style="text-align: center;">Citizenship</td></tr></table> | <u>Patrick</u> | <u>F.</u> | <u>King</u> | <u>USA</u> | First | Middle Initial | Family Name | Citizenship | | |
| <u>Patrick</u> | <u>F.</u> | <u>King</u> | <u>USA</u> | | | | | | | | |
| First | Middle Initial | Family Name | Citizenship | | | | | | | | |
| Residence (City) | <u>Glen Ellyn</u> | State/Foreign Country) | <u>IL</u> | | | | | | | | |
| Post Office Address | <u>418 North Park Boulevard</u> | Zip Code | <u>60137</u> | | | | | | | | |

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.

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- ☐ is attached hereto.
☒ was filed on 8/26/2002 as U.S. Application Serial No. 10/227,180
☐ was filed as PCT international application No. PCT/_____ on _____ and (if applicable to U.S. or PCT application) was amended on _____

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Day/Month/Year Filed

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**Status: patented,
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1) Inventor's Signature

Date

Inventor's Name (typed)

Ian

James

Forster

UK

First

Middle Initial

Family Name

Citizenship

Residence (City)

Essex

State/Foreign Country)

ENGLAND

Post Office Address

31 Great Cob, Springfield, Chelmsford

Zip Code

CM1 6LA

2) Inventor's Signature

Date

Inventor's Name (typed)

Peter

Robert George

Horrell

UK

First

Middle Initial

Family Name

Citizenship

Residence (City)

Essex

State/Foreign Country)

ENGLAND

Post Office Address

22 Rothesay Avenue, Chelmsford

Zip Code

CM2 9BU

3) Inventor's Signature

Date

Inventor's Name (typed)

Patrick

F.

King

USA

First

Middle Initial

Family Name

Citizenship

Residence (City)

Glen Ellyn

State/Foreign Country)

IL

Post Office Address

418 North Park Boulevard

Zip Code

60137

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- ☐ is attached hereto.
☒ was filed on 8/26/2002 as U.S. Application Serial No. 10228,180
☐ was filed as PCT international application No. PCT/_____ on _____ and (if applicable to U.S. or PCT application) was amended on _____

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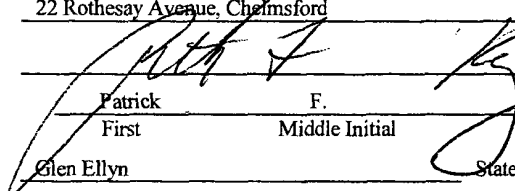
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1) Inventor's Signature		Date	
Inventor's Name (typed)	Ian James Forster		UK
	First Middle Initial Family Name		Citizenship
Residence (City)	Essex	State/Foreign Country)	ENGLAND
Post Office Address	31 Great Cob, Springfield, Chelmsford	Zip Code	CM1 6LA
2) Inventor's Signature		Date	
Inventor's Name (typed)	Peter Robert George Horrell		UK
	First Middle Initial Family Name		Citizenship
Residence (City)	Essex	State/Foreign Country)	ENGLAND
Post Office Address	22 Rothesay Avenue, Chelmsford	Zip Code	CM2 9BU
3) Inventor's Signature		Date	9/7/02
Inventor's Name (typed)	Patrick F. King		USA
	First Middle Initial Family Name		Citizenship
Residence (City)	Glen Ellyn	State/Foreign Country)	IL
Post Office Address	418 North Park Boulevard	Zip Code	60137

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☒ was filed on August 26, 2002 as U.S. Application Serial No. 10/228,180
☐ was filed as PCT international application No. PCT/_____ on _____ and (if applicable to U.S. or PCT application) was amended on _____

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- 1) Inventor's Signature Michael J. Pfeiffer Date 9-03-2002
Inventor's Name (typed) Michael J. Pfeiffer USA
First Middle Initial Family Name Citizenship
Residence (City) Lisle State/Foreign Country) IL
Post Office Address 2745 Bristol Drive Zip Code 60532
- 2) Inventor's Signature _____ Date _____
Inventor's Name (typed) _____
First Middle Initial Family Name Citizenship
Residence (City) _____ State/Foreign Country) _____
Post Office Address _____ Zip Code _____
- 3) Inventor's Signature _____ Date _____
Inventor's Name (typed) _____
First Middle Initial Family Name Citizenship
Residence (City) _____ State/Foreign Country) _____
Post Office Address _____ Zip Code _____

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.



MARCH 26, 2003

PTAS

WITHROW & TERRANOVA, P.L.L.C.
TAYLOR M. DAVENPORT
P.O. BOX 1287
CARY, NC 27512

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



102291693A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/20/2002

REEL/FRAME: 013511/0330

NUMBER OF PAGES: 17

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FORSTER, IAN J.

DOC DATE: 08/28/2002

ASSIGNOR:

HORRELL, PETER ROBERT GEORGE

DOC DATE: 09/03/2002

ASSIGNOR:

KING, PATRICK F.

DOC DATE: 09/07/2002

ASSIGNOR:

PFEIFFER, MICHAEL J.

DOC DATE: 09/03/2002

ASSIGNEE:

MARCONI COMMUNICATIONS INC.
1000 MARCONI DRIVE
WARRENDALE, PENNSYLVANIA 15086

SERIAL NUMBER: 10228180

FILING DATE: 08/26/2002

PATENT NUMBER:

ISSUE DATE:

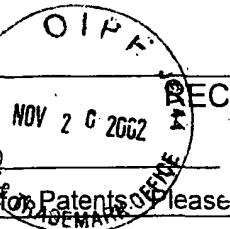
013511/0330 PAGE 2

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1595

(Rev. 6-93)

QMR No. 0651-0011 (exp. 4/99)



11-25-2002



ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Atty. Docket No. 4579-154A

To the Commissioner for Patents, please

102291693

or copy thereof.

1. Name of conveying party(ies):

Ian J. Forster
Peter Robert George Horrell
Patrick F. King
Michael J. PfeifferAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other
- MED
11-20-02

Execution Date: 8/28/02, 9/3/02, 9/7/02, 9/3/02

2. Name and address of receiving party(ies):

Name: Marconi Communications Inc.
Internal Address: 1000 Marconi Drive
Warrendale, PA 15086

Street Address:

City: State: Zip:

Country:

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/228,180

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Taylor M. Davenport
WITHROW & TERRANOVA, P.L.L.C.
P.O. Box 1287
Cary, NC 27512

6. Total number of applications and

patents involved:1

7. Total fee (37 CFR 3.41):

\$40.00

- ☒ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

50-1732

(Attach duplicate of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Taylor M. Davenport

Name of Person Signing

Signature

November 15, 2002

Date

Total number of pages including cover sheet, attachments, and document: 17

Mail documents to be recorded with required cover sheet information to:

Director of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

22241 U.S. PTO

10/637098



08/08/03

11/21/2002 EEKUBAY1 00000007 102291693

01 FC:8021

40.00 97

ASSIGNMENT

This Assignment made by us, **Ian James Forster**, a subject of the United Kingdom, residing at 31 Great Cobb, Springfield, Chelmsford, City of Essex, England, **Peter Robert George Horrell**, a subject of the United Kingdom, residing at 22 Rothesay Avenue, City of Essex, England, and **Patrick F. King**, a citizen of the United States of America, residing at 418 North Park Boulevard, City of Glen Ellyn, County of DuPage, State of Illinois, **Michael J. Pfeiffer**, a citizen of the United States of America, residing at 2745 Bristol Drive, City of Lisle, County of DuPage, State of Illinois, hereinafter referred to as assignors.

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **WAVE ANTENNA WIRELESS COMMUNICATION DEVICE AND METHOD** for which we are about to make application for Letters Patent of the United States, and for which we have executed a declaration.

WHEREAS, Marconi Communications Inc., a corporation duly organized and existing under the laws of the State of Delaware and having a principal place of business at 1000 Marconi Drive, City of Warrendale, State of Pennsylvania, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in the specification executed by us, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

we, the said assignors, have sold, assigned, transferred and set over unto the said assignee, its successors and assigns, the entire right, title and interest in and to the above-mentioned application and invention and in and to any and all Letters Patent of the United States which may hereafter be granted therefor, and in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, the same to be held and enjoyed by the said assignee, for its interest, and for its own use and behalf, and the use and behalf of its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that at the time of the execution and delivery of these presents we are the joint and lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above-mentioned and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth.

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that we will, whenever its counsel or the counsel of its successors and assigns, learned in the law, shall advise that an amendment, division, continuation, continuation-in-part, or substitution of, or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue of the same without charge to our said assignee, its successors or assigns, but

at its or their expense.

We hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument.

For the consideration aforesaid, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, assigns or nominee, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States and in and to the invention described in said application; and we hereby authorize and empower the said assignee, its successors, assigns or nominees to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventor; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the assignee, its successors, assignee, or nominee, without charge to our said assignee, its successor, assignee or nominee, but at its or their expense.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

28th August 2002

Date



Ian James Forster

Date

Peter Robert George Horrell

Date

Patrick F. King

Date

Michael J. Pfeiffer

ASSIGNMENT

This Assignment made by us, **Ian James Forster**, a subject of the United Kingdom, residing at 31 Great Cobb, Springfield, Chelmsford, City of Essex, England, **Peter Robert George Horrell**, a subject of the United Kingdom, residing at 22 Rothesay Avenue, City of Essex, England, and **Patrick F. King**, a citizen of the United States of America, residing at 418 North Park Boulevard, City of Glen Ellyn, County of DuPage, State of Illinois, **Michael J. Pfeiffer**, a citizen of the United States of America, residing at 2745 Bristol Drive, City of Lisle, County of DuPage, State of Illinois, hereinafter referred to as assignors.

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we, the said assignors, have sold, assigned, transferred and set over unto the said assignee, its successors and assigns, the entire right, title and interest in and to the above-mentioned application and invention and in and to any and all Letters Patent of the United States which may hereafter be granted therefor, and in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, the same to be held and enjoyed by the said assignee, for its interest, and for its own use and behalf, and the use and behalf of its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that at the time of the execution and delivery of these presents we are the joint and lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above-mentioned and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth.

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that we will, whenever its counsel or the counsel of its successors and assigns, learned in the law, shall advise that an amendment, division, continuation, continuation-in-part, or substitution of, or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue of the same without charge to our said assignee, its successors or assigns, but

at its or their expense.

We hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument.

For the consideration aforesaid, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, assigns or nominee, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States and in and to the invention described in said application; and we hereby authorize and empower the said assignee, its successors, assigns or nominees to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventor; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the assignee, its successors, assignee, or nominee, without charge to our said assignee, its successor, assignee or nominee, but at its or their expense.

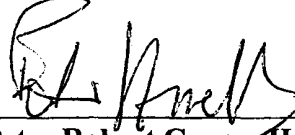
IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Date

3rd Sept. 2002

Date

Ian James Forster



Peter Robert George Horrell

Date

Patrick F. King

Date

Michael J. Pfeiffer

Attorney Docket No.: 4579-154A

ASSIGNMENT

This Assignment made by us, **Ian James Forster**, a subject of the United Kingdom, residing at 31 Great Cobb, Springfield, Chelmsford, City of Essex, England, **Peter Robert George Horrell**, a subject of the United Kingdom, residing at 22 Rothesay Avenue, City of Essex, England, and **Patrick F. King**, a citizen of the United States of America, residing at 418 North Park Boulevard, City of Glen Ellyn, County of DuPage, State of Illinois, **Michael J. Pfeiffer**, a citizen of the United States of America, residing at 2745 Bristol Drive, City of Lisle, County of DuPage, State of Illinois, hereinafter referred to as assignors.

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **WAVE ANTENNA WIRELESS COMMUNICATION DEVICE AND METHOD** for which we are about to make application for Letters Patent of the United States, and for which we have executed a declaration.

WHEREAS, Marconi Communications Inc., a corporation duly organized and existing under the laws of the State of Delaware and having a principal place of business at 1000 Marconi Drive, City of Warrendale, State of Pennsylvania, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in the specification executed by us, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

we, the said assignors, have sold, assigned, transferred and set over unto the said assignee, its successors and assigns, the entire right, title and interest in and to the above-mentioned application and invention and in and to any and all Letters Patent of the United States which may hereafter be granted therefor, and in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, the same to be held and enjoyed by the said assignee, for its interest, and for its own use and behalf, and the use and behalf of its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that at the time of the execution and delivery of these presents we are the joint and lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above-mentioned and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth.

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that we will, whenever its counsel or the counsel of its successors and assigns, learned in the law, shall advise that an amendment, division, continuation, continuation-in-part, or substitution of, or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue of the same without charge to our said assignee, its successors or assigns, but

at its or their expense.

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For the consideration aforesaid, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, assigns or nominee, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States and in and to the invention described in said application; and we hereby authorize and empower the said assignee, its successors, assigns or nominees to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventor; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the assignee, its successors, assignee, or nominee, without charge to our said assignee, its successor, assignee or nominee, but at its or their expense.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Date

Ian James Forster

Date

Peter Robert George Horrell

9/7/02
Date



Patrick F. King

Date

Michael J. Pfeiffer

Attorney Docket No.: 4579-154A

ASSIGNMENT

This Assignment made by us, **Ian James Forster**, a subject of the United Kingdom, residing at 31 Great Cobb, Springfield, Chelmsford, City of Essex, England, **Peter Robert George Horrell**, a subject of the United Kingdom, residing at 22 Rothesay Avenue, City of Essex, England, and **Patrick F. King**, a citizen of the United States of America, residing at 418 North Park Boulevard, City of Glen Ellyn, County of DuPage, State of Illinois, **Michael J. Pfeiffer**, a citizen of the United States of America, residing at 2745 Bristol Drive, City of Lisle, County of DuPage, State of Illinois, hereinafter referred to as assignors.

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Date

Ian James Forster

Date

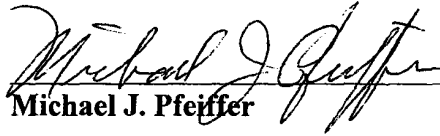
Peter Robert George Horrell

Date

Patrick F. King

9-03-2002

Date



Michael J. Pfeiffer

Attorney Docket No.: 4579-154A